

Morbidity and Mortality

Vol. 17, No. 2

WEEKLY
REPORT

Week Ending
January 13, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

EPIDEMIOLOGIC NOTES AND REPORTS

PNEUMONIA OUTBREAK

Pine Ridge Indian Reservation, South Dakota

An outbreak of pneumonia which to date has affected approximately 75 children, requiring hospitalization for approximately 30, is occurring at Pine Ridge Indian Reservation, South Dakota. There have been two fatalities. The illness is characterized by abrupt onset of fever, cough, and dyspnea, and the diagnosis of pneumonia has been established by physical examination or chest x-ray. Approximately 50 percent of the children hospitalized have been under age 2. The epidemic began November 23, and the peak incidence occurred during the period of December 21-28.

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In most cases, chest x-rays have showed infiltrates that were hazy and perihilar in location. White blood cell counts have been normal to slightly elevated with normal differentials, and no bloody or purulent sputa have been observed. To date, two agents resembling rhino- and adenoviruses have been isolated from throat washings of two

(Continued on page 14)

TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
(Cumulative totals include revised and delayed reports through previous weeks)

DISEASE	2nd WEEK ENDED		MEDIAN 1963 - 1967	CUMULATIVE, FIRST 2 WEEKS		
	JANUARY 13, 1968	JANUARY 14, 1967		1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	35	27	30	53	48	49
Brucellosis	1	2	3	2	6	6
Diphtheria	1	1	2	1	2	9
Encephalitis, primary:						
Arthropod-borne & unspecified	21	23	---	35	39	---
Encephalitis, post-infectious	10	8	---	19	13	---
Hepatitis, serum	55	42	---	101	79	1,483
Hepatitis, infectious	759	718	795	1,316	1,270	---
Malaria	57	---	---	76	40	4
Measles (rubeola)	480	1,439	5,682	722	2,566	9,428
Meningococcal infections, total	67	76	74	108	118	118
Civilian	67	68	---	107	109	---
Military	---	8	---	1	9	---
Mumps	4,424	---	---	7,014	---	---
Poliomyelitis, total	---	---	---	---	---	1
Paralytic	---	---	---	---	---	---
Rubella (German measles)	447	503	---	746	752	---
Streptococcal sore throat & scarlet fever	11,024	10,254	9,441	19,667	18,574	16,835
Tetanus	---	2	5	---	3	8
Tularemia	1	3	6	1	5	13
Typhoid fever	5	2	5	7	4	7
Typhus, tick-borne (Rky. Mt. spotted fever)	---	---	---	2	3	2
Rabies in animals	68	66	70	133	134	134

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

	Cum.		Cum.
Anthrax:	---	Rabies in man:	---
Botulism:	---	Rubella, Congenital Syndrome:	---
Leptospirosis:	---	Trichinosis: Calif.-1	1
Plague:	---	Typhus, murine:	---
Psittacosis	2	Polio, Unsp.	---

PNEUMONIA OUTBREAK - (Continued from front page)

patients. Histological examination of lung and bronchial tissues from one fatal case, a 4-year-old female patient, revealed intranuclear inclusion bodies similar to those seen with adenovirus infection. *Klebsiella pneumoniae* was isolated from the respiratory tract of the second fatal case. Further epidemiologic investigations are in progress.

(Reported by Robert Nelson, M.D., Chief of Staff, and Garrett Adams, M.D., Chief of Pediatrics, PHS Hospital, Pine Ridge Indian Reservation, South Dakota; Virus Disease Section, Ecological Investigations Program and an EIS Officer, Kansas City, Kansas.)

SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

CASES OF PRIMARY AND SECONDARY SYPHILIS: BY REPORTING AREAS NOVEMBER 1967 AND NOVEMBER 1966 - PROVISIONAL DATA

Reporting Area	November		Cumulative January-November		Reporting Area	November		Cumulative January-November	
	1967	1966	1967	1966		1967	1966	1967	1966
NEW ENGLAND.....	32	36	323	427	EAST SOUTH CENTRAL.....	110	107	1,596	2,046
Maine.....	1	-	7	5	Kentucky.....	20	10	162	129
New Hampshire.....	-	2	9	12	Tennessee.....	28	18	280	275
Vermont.....	-	1	3	3	Alabama.....	48	71	832	1,162
Massachusetts.....	21	14	188	282	Mississippi.....	14	8	322	480
Rhode Island.....	4	1	31	26	WEST SOUTH CENTRAL.....	266	256	2,948	2,564
Connecticut.....	6	18	85	99	Arkansas.....	11	8	121	141
MIDDLE ATLANTIC.....	295	318	3,294	3,700	Louisiana.....	63	58	612	602
Upstate New York.....	24	30	281	347	Oklahoma.....	11	11	106	129
New York City.....	156	198	1,934	2,266	Texas.....	181	179	2,109	1,692
Pa. (Excl. Phila.).....	27	13	235	182	MOUNTAIN.....	42	55	539	427
Philadelphia.....	33	16	303	243	Montana.....	1	-	6	28
New Jersey.....	55	61	541	662	Idaho.....	-	8	16	20
EAST NORTH CENTRAL.....	304	238	2,978	2,973	Wyoming.....	-	1	13	1
Ohio.....	64	41	580	587	Colorado.....	2	9	57	46
Indiana.....	28	6	174	86	New Mexico.....	14	16	166	103
Downstate Illinois.....	15	10	136	162	Arizona.....	21	18	250	198
Chicago.....	99	71	906	954	Utah.....	1	1	8	10
Michigan.....	95	109	1,157	1,096	Nevada.....	3	2	23	21
Wisconsin.....	3	1	25	88	PACIFIC.....	157	140	1,662	1,591
WEST NORTH CENTRAL.....	55	25	348	378	Washington.....	6	4	56	39
Minnesota.....	10	1	55	31	Oregon.....	1	5	41	44
Iowa.....	3	3	40	69	California.....	149	128	1,554	1,473
Missouri.....	31	9	127	136	Alaska.....	-	1	3	11
North Dakota.....	1	-	4	5	Hawaii.....	1	2	8	24
South Dakota.....	4	4	35	31	U. S. TOTAL.....	1,737	1,650	19,481	19,785
Nebraska.....	2	6	36	50	TERRITORIES.....	112	68	883	910
Kansas.....	4	2	51	56	Puerto Rico.....	108	65	844	883
SOUTH ATLANTIC.....	476	475	5,793	5,679	Virgin Islands.....	4	3	39	27
Delaware.....	7	5	67	49	Note: Cumulative Totals include revised and delayed reports through previous months.				
Maryland.....	31	52	566	525					
District of Columbia.....	91	50	801	470					
Virginia.....	12	25	270	291					
West Virginia.....	2	9	22	69					
North Carolina.....	51	42	706	783					
South Carolina.....	52	63	736	807					
Georgia.....	71	95	892	938					
Florida.....	159	134	1,733	1,747					

CURRENT TRENDS
INFLUENZA - January 7-13, 1968

During the week of January 7-13, 1968, there was increased excess pneumonia and influenza mortality for the United States as a whole. Of the nine major geographic regions, only the Pacific Region did not exceed the epidemic threshold (Figure 2). To date, the occurrence of outbreaks of A influenza has been documented in 27 states. In addition, 10 states have reported one or more outbreaks of influenza-like illness. The majority of outbreaks have been in the eastern and central United States (Figure 1).

Also for the second consecutive week, the number of deaths from all causes and in the age group, 65 and over, exceeded the expected number of deaths for this week (TABLE IV).

(Reported by the Respiratory Viral Diseases Section, CDC.)

Figure 1
INCIDENCE OF INFLUENZA AND INFLUENZA-LIKE DISEASE BY STATE AS REPORTED TO CDC OCTOBER 29, 1967 THROUGH JANUARY 13, 1968



Figure 2
PNEUMONIA-INFLUENZA DEATHS IN 122 UNITED STATES CITIES

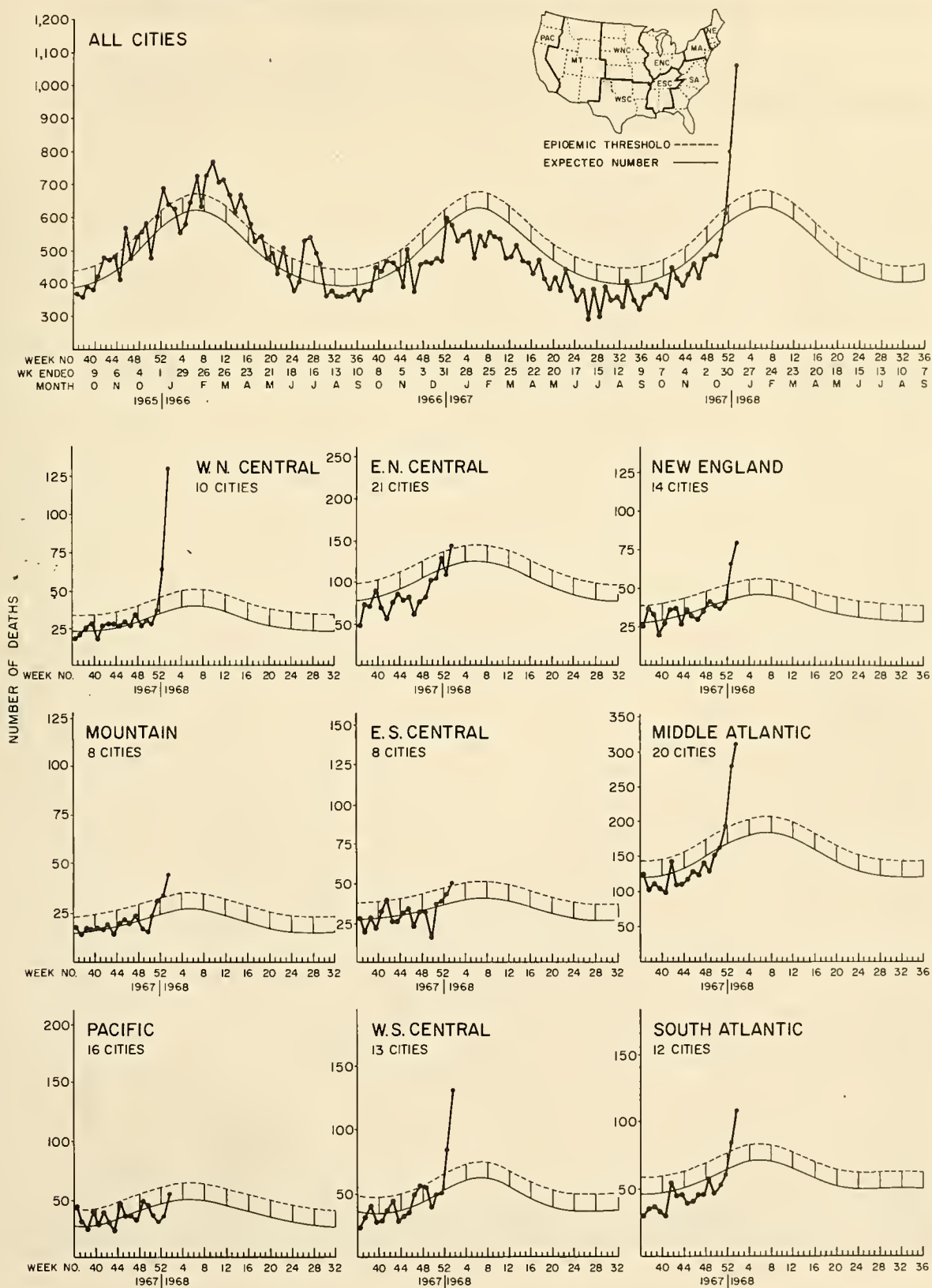


TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
JANUARY 13, 1968 AND JANUARY 14, 1967 (2nd WEEK)

AREA	ASEPTIC MENINGITIS		BRI. CELLULOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post- Infectious	Serum	Infectious		
	1968	1967			1968	1968	1967	1968	1968	1968	1967
UNITED STATES...	25	27	1	-	21	23	10	55	759	718	57
NEW ENGLAND.....	-	-	-	-	-	3	-	-	39	41	-
Maine.....	-	-	-	-	-	1	-	-	2	5	-
New Hampshire.....	-	-	-	-	-	-	-	-	1	1	-
Vermont.....	-	-	-	-	-	-	-	-	1	-	-
Massachusetts.....	-	-	-	-	-	1	-	-	19	16	-
Rhode Island.....	-	-	-	-	-	1	-	-	4	6	-
Connecticut.....	-	-	-	-	-	-	-	-	12	13	-
MIDDLE ATLANTIC.....	4	3	-	-	4	5	1	13	103	83	7
New York City.....	1	2	-	-	-	2	-	4	30	27	1
New York, up-State.....	-	-	-	-	2	2	-	1	5	17	1
New Jersey.....	2	1	-	-	-	1	-	7	57	17	3
Pennsylvania.....	1	-	-	-	2	-	1	1	11	22	2
EAST NORTH CENTRAL...	5	-	-	-	7	5	2	4	119	118	1
Ohio.....	1	-	-	-	5	5	1	2	52	31	-
Indiana.....	-	-	-	-	1	-	-	-	4	1	-
Illinois.....	-	-	-	-	-	-	-	2	15	16	-
Michigan.....	3	-	-	-	1	-	1	-	38	62	1
Wisconsin.....	1	-	-	-	-	-	-	-	10	8	-
WEST NORTH CENTRAL..	-	-	-	-	-	1	-	-	39	52	2
Minnesota.....	-	-	-	-	-	-	-	-	9	2	-
Iowa.....	-	-	-	-	-	-	-	-	10	10	-
Missouri.....	-	-	-	-	-	1	-	-	4	28	1
North Dakota.....	-	-	-	-	-	-	-	-	1	2	-
South Dakota.....	-	-	-	-	-	-	-	-	1	-	-
Nebraska.....	-	-	-	-	-	-	-	-	3	3	-
Kansas.....	-	-	-	-	-	-	-	-	11	7	1
SOUTH ATLANTIC.....	1	3	-	-	4	1	1	2	75	81	33
Delaware.....	-	-	-	-	-	-	-	-	1	2	-
Maryland.....	-	1	-	-	1	1	-	-	15	21	-
Dist. of Columbia..	-	-	-	-	-	-	-	-	1	1	-
Virginia.....	-	-	-	-	-	-	-	-	8	22	1
West Virginia.....	-	-	-	-	-	-	-	-	4	13	-
North Carolina.....	1	-	-	-	3	-	-	-	6	2	12
South Carolina.....	-	-	-	-	-	-	-	-	-	1	-
Georgia.....	-	-	-	-	-	-	-	-	34	14	12
Florida.....	-	2	-	-	-	-	1	2	6	5	8
EAST SOUTH CENTRAL...	2	1	1	-	-	1	-	-	71	63	-
Kentucky.....	1	-	-	-	-	-	-	-	37	39	-
Tennessee.....	-	1	-	-	-	1	-	-	23	14	-
Alabama.....	1	-	-	-	-	-	-	-	6	3	-
Mississippi.....	-	-	1	-	-	-	-	-	5	7	-
WEST SOUTH CENTRAL...	1	2	-	-	3	2	1	-	63	58	-
Arkansas.....	-	-	-	-	-	-	-	-	1	5	-
Louisiana.....	-	-	-	-	-	-	-	-	13	7	-
Oklahoma.....	-	1	-	-	3	1	-	-	9	2	-
Texas.....	1	1	-	-	-	1	1	-	40	44	-
MOUNTAIN.....	1	-	-	-	-	3	-	1	44	46	-
Montana.....	1	-	-	-	-	1	-	-	5	5	-
Idaho.....	-	-	-	-	-	-	-	-	8	8	-
Wyoming.....	-	-	-	-	-	-	-	-	-	-	-
Colorado.....	-	-	-	-	-	-	-	-	-	1	-
New Mexico.....	-	-	-	-	-	2	-	-	14	11	-
Arizona.....	-	-	-	-	-	-	-	1	15	16	-
Utah.....	-	-	-	-	-	-	-	-	2	5	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	11	18	-	-	3	2	5	35	206	176	14
Washington.....	1	1	-	-	-	-	-	-	9	19	-
Oregon.....	-	-	-	-	1	-	-	-	14	39	-
California.....	9	16	-	-	2	2	5	35	182	116	10
Alaska.....	-	-	-	-	-	-	-	-	1	-	-
Hawaii.....	1	1	-	-	-	-	-	-	-	2	4
Puerto Rico.....	-	-	-	-	-	-	-	-	-	-	-

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TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

JANUARY 13, 1968 AND JANUARY 14, 1967 (2nd WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
	Cumulative			Cumulative				Total	Paralytic		
	1968	1968	1967	1968	1968	1967		1968	1968	Cum. 1968	
UNITED STATES...	480	722	2,566	67	108	118	4,424	-	-	-	447
NEW ENGLAND.....	15	21	24	2	5	4	541	-	-	-	58
Maine.....	1	1	4	-	-	1	37	-	-	-	7
New Hampshire.....	-	-	-	-	-	-	10	-	-	-	-
Vermont.....	-	-	1	-	-	-	29	-	-	-	-
Massachusetts.....	6	12	16	-	2	2	271	-	-	-	18
Rhode Island.....	-	-	2	-	-	-	50	-	-	-	7
Connecticut.....	8	8	1	2	3	1	144	-	-	-	26
MIDDLE ATLANTIC.....	70	102	123	13	18	21	145	-	-	-	79
New York City.....	6	12	13	-	1	4	-	-	-	-	28
New York, Up-State.....	63	75	29	1	1	6	-	-	-	-	42
New Jersey.....	-	14	60	5	7	10	145	-	-	-	8
Pennsylvania.....	1	1	21	7	9	1	-	-	-	-	1
EAST NORTH CENTRAL...	136	179	252	11	17	8	1,611	-	-	-	102
Ohio.....	28	36	19	2	4	5	56	-	-	-	8
Indiana.....	7	23	41	1	2	-	149	-	-	-	4
Illinois.....	69	74	18	3	3	1	68	-	-	-	25
Michigan.....	10	12	72	5	8	1	693	-	-	-	25
Wisconsin.....	22	34	102	-	-	1	645	-	-	-	40
WEST NORTH CENTRAL...	21	31	89	7	10	7	108	-	-	-	26
Minnesota.....	-	-	4	1	1	1	5	-	-	-	1
Idwa.....	10	13	14	-	-	2	-	-	-	-	16
Missouri.....	-	1	2	2	2	2	4	-	-	-	-
North Dakota.....	3	9	37	-	-	-	23	-	-	-	5
South Dakota.....	1	1	-	1	2	-	-	-	-	-	-
Nebraska.....	1	1	32	1	1	2	39	-	-	-	-
Kansas.....	6	6	NN	2	4	-	37	-	-	-	4
SOUTH ATLANTIC.....	43	71	247	12	19	24	479	-	-	-	22
Delaware.....	-	-	-	-	-	-	1	-	-	-	-
Maryland.....	3	4	1	-	-	1	51	-	-	-	1
Dist. of Columbia..	-	-	4	-	1	-	15	-	-	-	-
Virginia.....	5	10	46	-	-	2	27	-	-	-	2
West Virginia.....	11	24	44	1	2	3	351	-	-	-	6
North Carolina.....	2	2	43	4	4	6	-	-	-	-	-
South Carolina.....	2	2	1	5	6	1	4	-	-	-	3
Georgia.....	-	-	-	1	1	4	-	-	-	-	-
Florida.....	20	29	108	1	5	7	30	-	-	-	10
EAST SOUTH CENTRAL...	11	21	273	3	5	6	321	-	-	-	39
Kentucky.....	3	5	33	1	2	1	160	-	-	-	9
Tennessee.....	5	13	121	2	3	4	120	-	-	-	30
Alabama.....	2	2	34	-	-	1	14	-	-	-	-
Mississippi.....	1	1	85	-	-	-	27	-	-	-	-
WEST SOUTH CENTRAL...	86	138	768	12	19	19	252	-	-	-	10
Arkansas.....	-	-	66	-	1	-	-	-	-	-	-
Louisiana.....	1	1	9	1	2	8	-	-	-	-	-
Oklahoma.....	28	34	134	4	6	-	4	-	-	-	-
Texas.....	57	103	559	7	10	11	248	-	-	-	10
MOUNTAIN.....	23	37	234	-	2	2	139	-	-	-	20
Montana.....	-	-	56	-	1	-	15	-	-	-	3
Idaho.....	2	6	22	-	-	-	31	-	-	-	-
Wyoming.....	4	11	-	-	-	-	27	-	-	-	-
Colorado.....	8	10	33	-	-	-	-	-	-	-	6
New Mexico.....	6	6	29	-	-	2	16	-	-	-	1
Arizona.....	3	4	43	-	1	-	38	-	-	-	10
Utah.....	-	-	4	-	-	-	12	-	-	-	-
Nevada.....	-	-	47	-	-	-	-	-	-	-	-
PACIFIC.....	75	122	556	7	13	27	828	-	-	-	91
Washington.....	17	32	269	1	1	1	259	-	-	-	28
Oregon.....	18	31	140	-	1	3	33	-	-	-	18
California.....	32	48	112	6	11	23	480	-	-	-	40
Alaska.....	-	-	31	-	-	-	7	-	-	-	2
Hawaii.....	8	11	4	-	-	-	49	-	-	-	3
Puerto Rico.....	-	-	50	-	-	-	16	-	-	-	-

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TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED JANUARY 13, 1968

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(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes	Area	All Causes		Pneumonia and Influenza All Ages	Under 1 year All Causes
	All Ages	65 years and over				All Ages	65 years and over		
NEW ENGLAND:	958	643	79	38	SOUTH ATLANTIC:	1,541	852	109	81
Boston, Mass.-----	319	192	19	13	Atlanta, Ga.-----	183	104	14	7
Bridgeport, Conn.-----	59	40	12	3	Baltimore, Md.-----	314	184	11	8
Cambridge, Mass.-----	31	23	-	-	Charlotte, N. C.-----	46	22	6	3
Fall River, Mass.-----	40	34	4	-	Jacksonville, Fla.-----	102	46	3	6
Hartford, Conn.-----	87	55	7	9	Miami, Fla.-----	109	59	2	9
Lowell, Mass.-----	39	24	-	4	Norfolk, Va.-----	68	33	9	1
Lynn, Mass.-----	30	21	3	2	Richmond, Va.-----	105	51	1	8
New Bedford, Mass.-----	26	17	2	1	Savannah, Ga.-----	59	31	8	1
New Haven, Conn.-----	67	49	3	-	St. Petersburg, Fla.-----	113	92	15	1
Providence, R. I.-----	72	51	10	1	Tampa, Fla.-----	110	63	20	6
Somerville, Mass.-----	22	15	4	1	Washington, D. C.-----	263	125	17	28
Springfield, Mass.-----	58	42	8	1	Wilmington, Del.-----	69	42	3	3
Waterbury, Conn.-----	38	24	-	2					
Worcester, Mass.-----	70	56	7	1	EAST SOUTH CENTRAL:	789	419	50	55
MIDDLE ATLANTIC:	4,356	2,771	307	129	Birmingham, Ala.-----	131	70	8	8
Albany, N. Y.-----	68	38	1	1	Chattanooga, Tenn.-----	57	32	10	4
Allentown, Pa.-----	42	25	3	1	Knoxville, Tenn.-----	48	23	-	3
Buffalo, N. Y.-----	217	127	8	8	Louisville, Ky.-----	150	93	11	3
Camden, N. J.-----	40	30	2	1	Memphis, Tenn.-----	145	64	1	22
Elizabeth, N. J.-----	33	21	1	1	Mobile, Ala.-----	65	34	5	7
Erie, Pa.-----	60	45	5	3	Montgomery, Ala.-----	57	27	4	4
Jersey City, N. J.-----	87	53	10	4	Nashville, Tenn.-----	136	76	11	4
Newark, N. J.-----	148	82	15	7	WEST SOUTH CENTRAL:	1,473	870	133	66
New York City, N. Y.-----	2,354	1,537	181	52	Austin, Tex.-----	53	35	10	4
Paterson, N. J.-----	52	33	5	2	Baton Rouge, La.-----	72	40	16	-
Philadelphia, Pa.-----	454	251	13	24	Corpus Christi, Tex.-----	66	35	2	2
Pittsburgh, Pa.-----	292	170	11	7	Dallas, Tex.-----	251	144	28	10
Reading, Pa.-----	63	45	2	2	El Paso, Tex.-----	39	21	4	2
Rochester, N. Y.-----	137	98	25	5	Fort Worth, Tex.-----	119	81	10	6
Schenectady, N. Y.-----	24	15	-	-	Houston, Tex.-----	291	152	9	12
Scranton, Pa.-----	58	40	2	2	Little Rock, Ark.-----	54	40	5	3
Syracuse, N. Y.-----	82	60	6	5	New Orleans, La.-----	132	82	6	5
Trenton, N. J.-----	48	28	3	1	Oklahoma City, Okla.-----	133	85	10	4
Utica, N. Y.-----	52	42	9	-	San Antonio, Tex.-----	111	64	8	6
Yonkers, N. Y.-----	45	31	5	3	Shreveport, La.-----	62	28	9	8
EAST NORTH CENTRAL:	3,150	1,903	144	135	Tulsa, Okla.-----	90	63	16	4
Akron, Ohio-----	70	44	-	3	MOUNTAIN:	524	311	45	16
Canton, Ohio-----	30	18	1	1	Albuquerque, N. Mex.-----	56	33	8	2
Chicago, Ill.-----	882	514	51	35	Colorado Springs, Colo.-----	29	20	7	-
Cincinnati, Ohio-----	219	131	2	6	Denver, Colo.-----	141	86	6	5
Cleveland, Ohio-----	241	134	8	9	Ogden, Utah-----	25	15	3	-
Columbus, Ohio-----	142	90	5	6	Phoenix, Ariz.-----	96	53	6	6
Dayton, Ohio-----	82	56	2	1	Pueblo, Colo.-----	27	21	7	-
Detroit, Mich.-----	394	213	12	23	Salt Lake City, Utah-----	75	42	3	1
Evansville, Ind.-----	48	34	2	3	Tucson, Ariz.-----	75	41	5	2
Flint, Mich.-----	61	39	3	4	PACIFIC:	1,793	1,121	56	76
Fort Wayne, Ind.-----	76	50	9	3	Berkeley, Calif.-----	22	14	1	1
Gary, Ind.-----	31	18	6	1	Fresno, Calif.-----	51	30	2	4
Grand Rapids, Mich.-----	49	33	6	2	Glendale, Calif.-----	32	23	-	1
Indianapolis, Ind.-----	229	139	5	7	Honolulu, Hawaii-----	65	35	3	7
Madison, Wis.-----	38	25	-	-	Long Beach, Calif.-----	96	72	5	2
Milwaukee, Wis.-----	193	109	10	22	Los Angeles, Calif.-----	544	354	10	21
Peoria, Ill.-----	53	31	1	3	Oakland, Calif.-----	107	69	1	6
Rockford, Ill.-----	42	30	7	2	Pasadena, Calif.-----	38	24	-	-
South Bend, Ind.-----	47	29	7	-	Portland, Oreg.-----	148	91	1	6
Toledo, Ohio-----	141	102	4	4	Sacramento, Calif.-----	61	33	3	2
Youngstown, Ohio-----	82	64	3	-	San Diego, Calif.-----	103	60	4	5
WEST NORTH CENTRAL:	1,298	852	131	51	San Francisco, Calif.-----	238	144	8	7
Des Moines, Iowa-----	96	70	9	2	San Jose, Calif.-----	48	33	5	2
Duluth, Minn.-----	40	28	2	-	Seattle, Wash.-----	150	84	8	8
Kansas City, Kans.-----	60	32	9	5	Spokane, Wash.-----	50	34	2	2
Kansas City, Mo.-----	208	133	10	9	Tacoma, Wash.-----	40	21	3	2
Lincoln, Nebr.-----	43	29	4	-	Total	15,882	9,742	1,054	647
Minneapolis, Minn.-----	167	112	11	8	Estimated expected number	13,294	7,700	594	647
Omaha, Nebr.-----	90	54	10	7	Cumulative Totals				
St. Louis, Mo.-----	391	254	51	10	including reported corrections for previous weeks				
St. Paul, Minn.-----	98	66	4	1	All Causes, All Ages-----	30,226			
Wichita, Kans.-----	105	74	21	9	All Causes, Age 65 and over-----	18,380			
					Pneumonia and Influenza, All Ages-----	1,859			
					All Causes, Under 1 Year of Age-----	1,225			

*Estimate - based on average percent of divisional total.

EPIDEMIOLOGIC NOTES AND REPORTS ECHINOCOCCOSIS - New York City

A case of echinococcosis has been reported in a 72-year-old Armenian woman, a resident of New York City. Her exposure to echinococcosis occurred 56 years prior to the onset of her illness, between 1907 and 1911 in Palestine, where she had tended sheep while a student in a convent school. The patient reported a history of good health until January 1967, when her present illness first became manifest. She was hospitalized, and upon examination, was found to have diabetes, glaucoma, congestive heart failure, abnormal liver function tests, and a large defect in the left lobe of the liver, demonstrated by liver scan. A carcinoma was diagnosed as the result of a needle biopsy of the defective area.

From January to August 1967, the patient was seen in several hospitals. On the third hospitalization, she underwent an exploratory laparotomy and cholecystectomy. Following hospitalization, while convalescing at a nursing home for 2 months, the patient complained of occasional abdominal pain. Increasing right upper quadrant pain necessitated a fourth hospitalization. A liver scan again showed a defect in the left lobe of the liver, and a selective coeliac artery angiogram showed a mass lesion in the right lobe of the liver. The hemagglutination inhibition and bentonite flocculation tests for echinococcosis were performed, and were strongly positive. The patient underwent surgery, at which time the secondarily infected echinococcus cysts were drained, but she died shortly after surgery from gastrointestinal hemorrhage and acute pulmonary edema. (Reported by Bernard L. Albert, M.D., Bronx, New York; and Howard B. Shookhoff, M.D., Chief, Division of Tropical Diseases, New York City Department of Health.)

Editorial Note:

Because an echinococcosis cyst can persist for a prolonged or indefinite period of time before becoming symptomatic, a history of residence of a patient in an area endemic for echinococcosis, should cause consideration of the diagnosis of hydatid disease.

INTERNATIONAL NOTES QUARANTINE MEASURES

*Additional Immunization Information for International Travel - 1967-68 edition - Public Health Service
Publication No. 384*

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

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Under San Pedro, California, U.S. Public Health Service Outpatient Clinic, Clinic Hours,

Delete: Wednesday, 9 a.m. by appointment.

Insert: Monday through Friday, 1 p.m. to 2 p.m.

THE MORBIDITY AND MORTALITY WEEKLY REPORT, WITH A CIRCULATION OF 17,000, IS PUBLISHED AT THE NATIONAL COMMUNICABLE DISEASE CENTER, ATLANTA, GEORGIA.

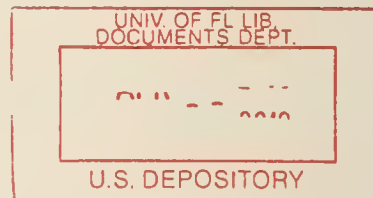
DIRECTOR, NATIONAL COMMUNICABLE DISEASE CENTER: DAVID J. SENCER, M.D.
CHIEF, EPIDEMIOLOGY PROGRAM: A.D. LANGMUIR, M.D.
ACTING CHIEF, STATISTICS SECTION: IDA L. SHERMAN, M.S.
EDITOR: MICHAEL B. GREGG, M.D.

IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY.

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